

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

REC'D 20 OCT 2003

WIPO PCT

Applicant's or agent's file reference P16776-TPF	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/ 07812	International filing date (day/month/year) 18/07/2003	(Earliest) Priority Date (day/month/year) 07/08/2002
Applicant TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

METHOD FOR ENABLING A LOCATION SERVICE CLIENT TO CONTACT A USER OF A MOBILE DEVICE

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 03/07812

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 108 554 A (KAWAMOTO YOJI) 22 August 2000 (2000-08-22)	1-4, 6, 7, 12-14, 18-21
Y	column 4, line 64 -column 5, line 46	8, 10
Y	US 2001/004600 A1 (SON WILLIAM Y ET AL) 21 June 2001 (2001-06-21) paragraph '0045!	8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

14 October 2003

Date of mailing of the international search report

22/10/2003

Name and mailing address of the ISA

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Authorized officer

Schut, G

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/07812

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	"Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Functional stage 2 description of location services (3GPP TS 23.271 version 5.3.0 Release 5); ETSI TS 123 271 V5.3.0 (2002-06)" ETSI TS 123 271 V5.3.0, June 2002 (2002-06), XP002227478 cited in the application page 53 -page 54, paragraph 9.2.2.1 ---	10
X	WO 00 04730 A (SIGNALSOFT CORP) 27 January 2000 (2000-01-27) page 10, line 2 -page 11, line 15 page 13, line 1 - line 4; figure 3 ---	1,2,5,7, 9,11,15, 18,20,21
A	US 5 561 704 A (SALIMANDO STEVEN C) 1 October 1996 (1996-10-01) column 3, line 66 -column 4, line 24 -----	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07812

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6108554	A	22-08-2000	JP 8331654 A	13-12-1996
US 2001004600	A1	21-06-2001	AU 2733400 A	07-08-2000
			WO 0044184 A1	27-07-2000
			US 2003060211 A1	27-03-2003
			US 2001016500 A1	23-08-2001
WO 0004730	A	27-01-2000	AU 5220199 A	07-02-2000
			BR 9912270 A	05-06-2001
			CA 2337508 A1	27-01-2000
			EP 1099354 A1	16-05-2001
			WO 0004730 A1	27-01-2000
US 5561704	A	01-10-1996	NONE	